quantity in demand for twenty-five ton boats, and locks; or one tenth part of water required in locks for forty-ton boats; independent of leakage at gates, which is very conſiderable after ſome years wear. This ſaving of water will conſequently ſave ſome expence by the reduction of reſervoirs, and materially facilitate all caſes of deſcending trade from high countries; where the ſaving of water is an important conſideration.

CHAP.